



Reg. No. :

Name :

**IV Semester B.A./B.Sc./B.Com./B.B.A./B.B.A. T.T.M./B.B.M./B.C.A./B.S.W.
(CCSS-Regular) Degree Examination, March 2011
COMMERCE (Core Course)
(C-Computer Application)**

4B08 COM : Database Management Systems and Internet Programming

Time: 3 Hours

Max. WGP : 80

PART – A

This part has **two** bunches of **four** objective type questions carrying **equal** weightage of **one**. Answer **all** questions.

A) 1) Data _____ means repetition of data.

- | | |
|---------------|---------------|
| a) Integrity | b) Density |
| c) Redundancy | d) Volatility |

2) The rows of tables are called _____

- | | |
|----------|--------------|
| a) Tuple | b) Attribute |
| c) View | d) Key |

3) _____ is the oldest database model.

- | | |
|---------------|--------------------|
| a) Network | b) Hierarchial |
| c) Relational | d) Object oriented |

4) _____ is used by database designers to define the physical characteristics.

- | | | |
|--------|-----------|-------------------|
| a) DML | b) DBMS | |
| c) DDL | d) Domain | (W = 1) (WGP = 4) |

B) Match the following :

- | | | |
|----------------|----------|-------------------|
| 5) Foreign key | B2B | |
| 6) Internet | Tags | |
| 7) E-Commerce | Protocol | |
| 8) HTML | Database | (W = 1) (WGP = 4) |



PART - B

Answer **any six** questions in **one** or **two** sentences **each**. **Each** question carries a weightage of **one**.

9. What is an attribute ?
10. Explain ER diagram.
11. What do you mean by FTP ?
12. What is browsing ?
13. Explain 'schema'.
14. What is normalisation ?
15. What is meant by internet telephony ?
16. What is a search engine ? (W=6×1=6) (WGP=6×4×1=24)

PART - C

Answer **any four** questions in not exceeding **one** page **each**. **Each** question carries a weight of **two**.

17. What are the advantages of database system ?
18. Identify the major components of DBMS.
19. What are the major functions of DDL ?
20. Point out the different ways of internet access.
21. Write a note on HTML.
22. What are the features of internet ? (W=4×2=8) (WGP=4×4×2=32)

PART - D

Answer **any one** question. **Each** question carries a weightage of **four**.

23. Define internet. Explain the major internet protocols.
24. Explain the first, second and third normal forms. (W=1×4=4) (WGP=1×4×4=16)